

**MAIL ROOM**  
MAY  
55 10 •  
1989

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

7008MB

APPLICANT

Lawrence A. Johnson

FILING DATE

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JW</i>	AA	4	1	9	1	7	4	9	3/4/80	Bernard J. Bryant	424	105	10/11/77
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO
	AL													
	AM													
	AN													
	AO													
	AP													

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>JW</i>	AR	L. A. Johnson, "Flow Sorting of Intact X and Y Chromosome-Bearing Mammalian Spermatozoa," Cytometry, Suppl. 2, p. 66 Abstract (1988)
<i>JW</i>	AS	J. C. Conover and R. B. L. Gwatkine, "Pre-Loading of Mouse Oocytes with DNA-Specific Fluorochrome (Hoechst 33342) Permits Rapid Detection of Sperm-Oocyte Fusion," J. Reprod. Fert. 82: 681-690 (1988)
<i>JW</i>	AT	L. A. Johnson and R. N. Clarke, "Flow Sorting of X and Y Chromosome-Bearing Mammalian Sperm: Activation and Pronuclear Development of Sorted Bull, Boar, and Ram Sperm Microinjected into Hamster Oocytes," Gamete Res. 21: (1988)

EXAMINER

*WTZ*

DATE CONSIDERED

*3/20/90*

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

7008MB

SERIAL NO.

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Lawrence A. Johnson

FILING DATE

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER		DATE	COUNTRY		TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	<i>[Signature]</i>	2 L. A. Johnson et al., "Flow Cytometry of X and Y Chromosome-Bearing Sperm for DNA Using an Improved Preparation Method and Staining with Hoechst 33342," <i>Gamete Res.</i> <u>17</u> : 203-212 (1987)
<i>[Signature]</i>	<i>[Signature]</i>	14 R. E. Hinkley et al., "Rapid Visual Detection of Sperm-Egg Fusion Using the DNA-Specific Fluorochrome Hoechst 33342," <i>Dev. Biol.</i> <u>118</u> : 148-154 (1986)
<i>[Signature]</i>	<i>[Signature]</i>	14 L. A. Johnson and D. Pinkel, "Modification of a Laser-Based Flow Cytometer for High-Resolution DNA Analysis of Mammalian Spermatozoa," <i>Cytometry</i> <u>7</u> : 268-273 (1986)

EXAMINER

*[Signature]*

DATE CONSIDERED

3/21/90

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

7008MB

SERIAL NO.

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Lawrence A. Johnson

FILING DATE

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C AR	3	L. A. Johnson, "Gender Preselection in Farm Animals," Research for Tomorrow, 1986 Yearbook of Agriculture, pp. 73-77 (1986) <span style="margin-left: 100px;">14</span>						
	C AS	W. M. Grogan et al., "DNA Analysis and Sorting of Viable Mouse Testis Cells," J. Histochem. Cytochem. 29: 738-746 (1981) <span style="margin-left: 100px;">14</span>							
	C AT	M. R. Loken, "Separation of Viable T and B Lymphocytes Using a Cytochemical Stain, Hoechst 33342," J. Histochem. Cytochem. 28: 36-39 (1980) <span style="margin-left: 100px;">14</span>							
EXAMINER			DATE CONSIDERED	3/21/90					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.